



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 98968

TO: Jeanine Goldberg
Location: o 12D11; m 12E12
Art Unit: 1634
Wednesday, July 16, 2003

Case Serial Number: 10/018211

From: Barb O'Bryen
Location: Biotech-Chem Library
CM1-6A05
Phone: 308-4291 *BOB*

barbara.obryen@uspto.gov

Search Notes

O'Bryen, Barbara

From: Goldberg, Jeanine
Sent: Monday, July 14, 2003 8:50 AM
To: O'Bryen, Barbara
Subject: 10/018,211 giardia

Please search SEQ ID NO: 1-6 with less than 150 base pairs. Please print 30 hits or all 100% matches.
Please perform a registry search of SEQ ID NO: 1-6 with less than 100 nucleotides.

Thank you
Jeanine

Jeanine Enewold Goldberg
1634
CM1--12D11
Mailbox-- 12E12
306-5817



US-10-018-211-1

gagcccgagtgagcgag1

US-10-018-211-2

gcccggggggcccgcccl

US-10-018-211-3

tggcccgcccgctgcgc1

US-10-018-211-4

cgagcgggggcccaactcl

US-10-018-211-5

gggggccaagggcctgl

US-10-018-211-6

cgaggcgcccgagcgag1

gagaccgggagagcggg

gcccggggggggccgc

ggggcccgagcagcagc

ggggggggggccaaacac

gagggaccacggggcag

gggggacagccggggc

cccgcacacccgggacgc

ggggggggggccgggg

gggagcggagggggccc

gagggggggggggggc

gggggggggggggggg

gggggggggggggggg

gggggggggggggggg

=> fil reg; d que 15
 FILE 'REGISTRY' ENTERED AT 15:26:49 ON 14 JUL 2003
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Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUL 2003 HIGHEST RN 547695-13-6
 DICTIONARY FILE UPDATES: 13 JUL 2003 HIGHEST RN 547695-13-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
 PROPERTIES for more information. See STNote 27, Searching Properties
 in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

seq 1-3 & complements

L3 222 SEA FILE=REGISTRY ABB=ON GCGUCCCGGGUGAGCGGG|CCGCGUCACCCGGGACGC
 |GCCCGCGGGCGCCCGCCC|GGGCGGGCGCCCGCGGGC|UGGCGCCCGCUCGUCGC|GCGAG
 CGAGGCGGGCCCA/SQSN
 L4 139 SEA FILE=REGISTRY ABB=ON CGGCGGGGGGCCAACUAC|GUAGUUGGCCCCCGCGC
 |CGGGGUCCACACGGGCCUG|CAGGCCCGUUGACCCGC|CGGGCGUGCCGCGCGC|CGCGC
 CGCGGCACCCCC/SQSN
 L5 13 SEA FILE=REGISTRY ABB=ON (L3 OR L4) AND SQL<100

Seq 4-6 & complements

=> d rn cn kwic nte lc l5 1-13

L5 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2003 ACS
 RN 314102-58-4 REGISTRY *Use Registry # to match sequence to citation*
 CN DNA, d(C-G-C-G-C-C-G-C-G-C-G-C-A-G-C-C-C-C-G) (9CI) (CA INDEX NAME)

OTHER NAMES:
 CN 12: PN: W00078781 SEQID: 12 claimed DNA
 SQL 18

*Sequence
 length*

SEQ 1 cgcgcgcgcgc cagcccccg

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2003 ACS
 RN 314102-57-3 REGISTRY
 CN DNA, d(C-A-G-G-C-C-C-G-T-T-G-G-A-C-C-C-G-C) (9CI) (CA INDEX NAME)

OTHER NAMES:
 CN 11: W00078781 SEQID: 11 claimed DNA
 SQL 18

SEQ 1 caggcccggtt ggaccgcgc

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2003 ACS
 RN 314102-56-2 REGISTRY
 CN DNA, d(G-T-A-G-T-T-G-G-C-C-C-C-C-C-G-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 10: PN: W00078781 SEQID: 10 claimed DNA

SQL 18

SEQ 1 gtagttggcc ccccgccg
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 4 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-55-1 REGISTRY

CN DNA, d(G-C-G-A-G-C-G-A-G-G-C-C-G-C-C-A) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 9: PN: W00078781 SEQID: 9 claimed DNA

SQL 18

SEQ 1 gcgagcgagg cgggccca
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-54-0 REGISTRY

CN DNA, d(G-G-G-C-G-G-G-C-C-C-G-G-G-G-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 8: PN: W00078781 SEQID: 8 claimed DNA

SQL 18

SEQ 1 gggcgggcgc cgcggggc
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-53-9 REGISTRY

CN DNA, d(C-C-C-G-C-T-C-A-C-C-C-G-G-A-C-G-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 7: PN: W00078781 SEQID: 7 claimed DNA

SQL 18

SEQ 1 cccgctcacc cgggacgc
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-52-8 REGISTRY

CN DNA, d(C-G-G-G-G-C-T-G-C-C-G-C-G-G-C-G-C-G) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 6: PN: W00078781 SEQID: 6 claimed DNA

SQL 18

SEQ 1 cggggctgcc gcggcgcg
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-51-7 REGISTRY

CN DNA, d(G-C-G-G-G-T-C-A-A-C-G-G-G-C-C-T-G) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5: PN: W00078781 SEQID: 5 claimed DNA

SQL 18

SEQ 1 gcgggtccaa cgggcctg
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-50-6 REGISTRY

CN DNA, d(C-G-G-C-G-G-G-G-G-C-C-A-A-C-T-A-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 4: PN: W00078781 SEQID: 4 claimed DNA

SQL 18

SEQ 1 cggcgggggg ccaactac
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-49-3 REGISTRY

CN DNA, d(T-G-G-G-C-C-C-G-C-C-T-C-G-C-T-C-G-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3: PN: W00078781 SEQID: 3 claimed DNA

SQL 18

SEQ 1 tgggcccggc tcgtctgc
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-48-2 REGISTRY

CN DNA, d(G-C-C-C-G-C-G-G-G-C-G-C-C-C-G-C-C-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: W00078781 SEQID: 2 claimed DNA

SQL 18

SEQ 1 gccccggggc gcccgccc
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-47-1 REGISTRY

CN DNA, d(G-C-G-T-C-C-G-G-G-T-G-A-G-C-G-G-G) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1: PN: W00078781 SEQID: 1 claimed DNA

SQL 18

SEQ 1 gcgtccggg tgagcggg
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 138159-92-9 REGISTRY

CN DNA, d(C-T-C-C-G-C-G-G-C-G-G-C-T-G-T-G-G-C-C-C-G-C-T-C-G-C-T-C-G-C-G-C-G) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Deoxyribonucleic acid, d(C-T-C-C-G-C-G-G-C-G-G-C-T-G-T-G-G-C-C-C-G-C-C-T-C-G-C-T-C-G-C-G-C-G)

SQL 38

SEQ 1 ctcgcggcg cggtgtgtgg gccgcctcg ctcgcgcg

Seq 3

HITS AT: 18-35
NTE singlestranded
LC STN Files: CA, CAPLUS, USPATFULL

=> fil capl uspatf; s 15
FILE 'CAPLUS' ENTERED AT 15:27:27 ON 14 JUL 2003
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L6 3 L5

=> dup rem l6
PROCESSING COMPLETED FOR L6
L7 3 DUP REM L6 (0 DUPLICATES REMOVED)
ANSWERS '1-2' FROM FILE CAPLUS
ANSWER '3' FROM FILE USPATFULL

=> d ibib ab hitrn 1-3; fil hom

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:911272 CAPLUS
DOCUMENT NUMBER: 134:67138
TITLE: Detection of Giardia using probes targeted to its 18S rRNA
INVENTOR(S): Dorsch, Matthias Rudolf; Veal, Duncan Adam
PATENT ASSIGNEE(S): Macquarie Research Ltd., Australia
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000078781	A1	20001228	WO 2000-AU689	20000619
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1196425	A1	20020417	EP 2000-936556	20000619
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
JP 2003502073	T2	20030121	JP 2001-504942	20000619
PRIORITY APPLN. INFO.:			AU 1999-1056 A 19990618	
			WO 2000-AU689 W 20000619	

AB Oligonucleotide mols. for the detection of Giardia lamblia (G. lamblia) which mols. hybridize under medium to high stringency conditions to unique 18S rDNA/rRNA sequences of G. lamblia, and methods for the detection of the presence of viable cells of G. lamblia in samples using the

(own work)

IT oligonucleotide mols.
 314102-47-1 314102-48-2 314102-49-3 } use Registry #
 314102-50-6 314102-51-7 314102-52-8 } to match citation
 314102-53-9 314102-54-0 314102-55-1 } to sequence
 314102-56-2 314102-57-3 314102-58-4
 RL: ARG (Analytical reagent use); PRP (Properties); ANST (Analytical study); USES (Uses)
 (nucleotide sequences of probes; detection of Giardia using probes targeted to 18S rRNA)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1992:16705 CAPLUS

DOCUMENT NUMBER: 116:16705

TITLE: Nucleic acid probes for the detection of Giardia lamblia

INVENTOR(S): Shah, Jyotsna S.; Buharin, Amelia; Lane, David J.

PATENT ASSIGNEE(S): Gene-Trak Systems, USA

SOURCE: Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 453290	A2	19911023	EP 1991-303479	19910418
EP 453290	A3	19921119		
EP 453290	B1	19961023		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
AU 9174295	A1	19911024	AU 1991-74295	19910410
CA 2040802	AA	19911019	CA 1991-2040802	19910415
CA 2040583	AA	19911019	CA 1991-2040583	19910416
JP 05068594	A2	19930323	JP 1991-86813	19910418
JP 3048665	B2	20000605		
AT 144557	E	19961115	AT 1991-303479	19910418
US 5558989	A	19960924	US 1994-239949	19940509

PRIORITY APPLN. INFO.:

US 1990-510476 A 19900418
 US 1992-877256 B1 19920428
 US 1993-123862 B1 19930920

AB Oligonucleotide probes specific for the rRNA of the intestinal parasite Giardia lamblia for use in diagnosis are described. Specificity of these probes for G. lamblia rRNA over that of other intestinal microflora is demonstrated.

IT 138159-92-9
 RL: BIOL (Biological study)
 (Giardia lamblia rRNA oligonucleotide probe)

Seq. 3
 @ 18-25

L7 ANSWER 3 OF 3 USPATEFULL

ACCESSION NUMBER: 96:87480 USPATEFULL

TITLE: Nucleic acid probes for the detection of Giardia lamblia

INVENTOR(S): Shah, Jyotsna S., Nashua, NH, United States
 Buharin, Amelia, Roslindale, MA, United States
 Lane, David J., Milford, MA, United States

PATENT ASSIGNEE(S): Amoco Corporation, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5558989		19960924
APPLICATION INFO.:	US 1994-239949		19940509 (8)

Seq. 3

RELATED APPLN. INFO.: Continuation of Ser. No. US 1993-123862, filed on 20 Sep 1993, now abandoned which is a continuation of Ser. No. US 1992-877256, filed on 28 Apr 1992, now abandoned which is a continuation of Ser. No. US 1990-510476, filed on 18 Apr 1990, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Farr, Margaret
ASSISTANT EXAMINER: Tran, Paul B.
LEGAL REPRESENTATIVE: Galloway, Norval B.
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 8
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 761

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a method of selectively detecting Giardia lamblia in a sample. The method makes use of at least one nucleic acid probe which is a DNA or PNA sequence which hybridizes, under appropriate conditions, to the ribosomal RNA or the ribosomal DNA of Giardia lamblia but does not hybridize to the ribosomal RNA or the ribosomal DNA of other organisms (non-Giardia lamblia organisms) which may be present in a sample.

IT 138159-92-9
(Giardia lamblia rRNA oligonucleotide probe)

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